New method for calculating transport coefficients and application to the Heisenberg chain

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Errata

Erratum: Specific heat of bcc ^{3}He [Phys. Rev. B 15, 2604 (1977)]

D. S. Greywall

Due to a computational error, all of the specific-heat results presented in this paper must be adjusted slightly. The correct values of the specific heat can be determined by multiplying each of the reported values by the factor $F(V)$ given in the following table. Corrected values for Θ_0 and $|J|/k_B$ are also given.

V (cm^3)	F	Θ_0 (K)	$\lvert J\rvert/k_B$ (mK)
24.454	1.019	18.83	0.8839
23.785	1.034	20.30	0.5527
23.081	1.004	21.87	0.360
22.425	1.019	23.39	...
21.459	1.022	25.85	...

Erratum: New method for calculating transport coefficients and application to the Heisenberg chain [Phys. Rev. B 15, 5379 (1977)]

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Equation (4.5) should read

$$\tilde{\Omega}_q = \begin{pmatrix} 0 & (LS, LS)_q \\ (LS, LS)_q & 0 \end{pmatrix} \tilde{\chi}_q^{-1} = \begin{pmatrix} 0 & 1 \\ \dfrac{(LS, LS)_q}{(S, S)_q} & 0 \end{pmatrix}.$$

In Fig. 1, the temperature in the upper drawing should be $T = 40$ K.

Erratum: Crystal structure and magnetic susceptibility of $(CH_3)_2NH_2MnCl_3$ (DMMC): A low-symmetry analog of $(CH_3)_4NMnCl_3$ (TMMC) [Phy. Rev. B 13, 3956 (1976)]

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The interchain coupling J'/k should be 0.05°K, rather than 0.5°K.